

10-12-01

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MOSER, PATTERSON & SHERIDAN, L.L.P.

j1054 U.S.
10/11/01

3040 Post Oak Boulevard
Suite 1500
Houston, Texas 77056-6582
Telephone (713) 623-4844
Facsimile (713) 623-4846

Attorneys at Law
595 Shrewsbury Avenue, Suite 100
Shrewsbury, New Jersey 07702
Telephone (732) 530-9404
Facsimile (732) 530-9808
www.mpslp.com

4149 El Camino Way
Suite B
Palo Alto, CA 94306
Telephone (650) 320-0000
Facsimile (650) 320-0099

PATENT APPLICATION

Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

Sir:

Enclosed herewith for filing is the following utility patent application.

Applicant(s): Gang Huang
Title of application: METHOD AND APPARATUS FOR CROSS-TALK
MITIGATION THROUGH JOINT MULTIUSER
ADAPTIVE PRE-CODING
Pages of specification: 28 (21 + 6 pages of claims and 1
page abstract)
Sheets of drawing: 10 (informal)
Executed on: 10/11/01
Attorney Docket No.: Huang 12

PATENT APPLICATION FILING FEE CALCULATION				
	<u>No.</u>	<u>Filed</u>	<u>Less</u>	<u>Rate/Claim</u>
Total Claims		23	-20	3 x \$18.00
Independent Claims		4	- 3	1 x \$84.00
				Minimum Filing Fee \$ 740.00
				Multiple Dependency Fee (if applicable - \$270.00) \$ 000.00
Total Filing Fee (Large Entity)				\$ 878.00
				50% Reduction for Small Entity (Independent Inventor, Non-profit Corporation, or Small Business Concern) - appropriate verified statement attached - \$ 000.00
				TOTAL FILING FEE DUE \$ 878.00

Kindly charge the entire and/or any additional filing fee,
and fees pursuant to 37 C.F.R. 1.16 and 37 C.F.R. 1.17 during the
pendency of this application, as appropriate, to Agere Systems

j1046 U.S. PTO
09/975682
10/11/01

Inc. deposit account number 50-1735. To facilitate that charge, a duplicate copy of this letter is enclosed herewith. Please also credit any overpayment of fees to deposit account number 50-1735.

Also enclosed herewith for filing in connection with the enclosed application are:

Oath;
 Declaration and Power of Attorney;
 Disclosure Statement;
 Letter referencing previously filed disclosure document; number _____ filed _____;
 Verified Statement claiming small entity status;
 An assignment of the application to: Agere Systems Guardian Corp. (with assignment recordation cover sheet);
 Claim(s) to priority
 Serial Number Filing date
 A certified copy of a _____ patent application or inventor's certificate, filed _____ and serial no. _____, upon which a claim to priority is made;
 Other: Postal Card Receipt

Respectfully submitted,

10/10/01



Eamon J. Wall, Attorney
Reg. No. 39,414

CUSTOMER #26,291
MOSER, PATTERSON & SHERIDAN, LLP
Attorneys At Law
595 Shrewsbury Avenue, Suite 100
Shrewsbury, New Jersey 07702

EXPRESS MAIL CERTIFICATION

"Express Mail" mailing label number: EL736883094US

Date of deposit: 10/11/01

I hereby certify that this patent application and related papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, Box Patent Application, Washington, D.C. 20231.

Lauree C. Craven

Signature of person mailing paper or fee

10/11/01

Name of person mailing paper or fee